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MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS, HELD IN THE ROOMS OF THE SOCIETY, MARCH 25, 1893, AT 7:30 P. M.

Vice-President MOLERA presided. A quorum was present. The minutes of the last meeting were read and approved.

Baron ALBERT VON ROTHSCHILD of Vienna, Austria, was elected a life member. The following members were duly elected:

LIST OF MEMBERS ELECTED MARCH 25, 1893.

ALLEN H. BABCOCK	Care General Electric Company, 15 First St., S. F., Cal.
Miss FRANCES L. BEANS	489 N. First St., San José, Cal.
Mrs. T. ELLARD BEANS	489 N. First St., San José, Cal.
ERNEST A. CLEVELAND	Vancouver, B. C.
ISAAC H. DAVIS	Dorchester, Mass.
C. W. DEARBORN	Care Oakland Bank of Savings, Oakland, Cal.
Prof. JAMES NORRIS HART	Maine State College, Orono, Me.
Mrs. A. G. HEATON	1330 Nineteenth St., Washington, D. C.
Mrs. M. E. HUTTON	26 Union St., New Brunswick, New Jersey.
JOSÉ ORTIZ MONASTERIO	Instituto Mexico, Esquina Plateros y Empedradillo, City of Mexico, Mexico.
R. S. MORRISON	Equitable Building, Denver, Colo.
GUILLERMO PUGA	National Observatory, Tacubaya, Mexico.
Baron ALBERT VON ROTHSCHILD*	Vienna, Austria.

Mr. MOLERA presented to the Board a communication, stating that a Mexican Section has effected an organization at the National Observatory of Tacubaya, under the provisions of Article XVI of the By-Laws of the Society, with the following local officers: Executive Committee—A. ANGUIANO (Chairman), CAMILO GONZALEZ, FRANCISCO RODRIGUEZ REY, AGUSTIN ARAGON.

It was, on motion,

Resolved, That the Mexican Section of the Astronomical Society of the Pacific be authorized and duly recognized.

The Secretary was authorized to effect a fire insurance of $2,000 on the property of the Society.

Adjourned.

ANNUAL MEETING OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC, HELD IN THE LECTURE-HALL OF THE CALIFORNIA ACADEMY OF SCIENCES, MARCH 25, 1893.

The meeting was called to order by Vice-President MOLERA. The minutes of the last meeting were approved.

A list of thirteen new members duly elected at the Directors' meeting was read to the meeting.

The following papers were presented:

1. Address by Vice-President E. J. MOLERA.
2. Physical Observations of *Jupiter's* Satellites in Transit, by JOHN TEBBUTT Esq., of Windsor, N. S. W.
3. The Solar Motion, by W. H. S. MONCK, of Dublin.
4. A Summary History of Astronomy in America from 1620 to 1893, by EDWARD S. HOLDEN.
5. Evolution of the Double-Star Systems, by Dr. T. J. J. SEE, of the University of Chicago.
6. The Surface Markings of *Mars* (with an exhibition of lantern-slides), by Professor W. J. HUSSEY, of the STANFORD University.
7. Two new Planispheres, by Professor W. J. HUSSEY.
8. Miscellaneous Observations of *Nova Aurigæ*, by W. W. CAMPBELL, of Mount Hamilton.
9. An Easy Method of Adjusting an Equatorial Telescope, by ROGER SPRAGUE, of Napa.
10. Astronomical Observations made in the year 1892, by T. KÖHL, of Odder, Denmark.

The Committee on Nominations reported a list of names proposed for election as follows: Messrs. ALVORD, CAMPBELL, HOLDEN, HUSSEY, JOHNSTON, MOLERA, PIERSON, SCHAEBERLE, SOULÉ, VOORSANGER, ZIEL.

For Committee on Publication: Messrs. HOLDEN, CAMPBELL, YALE.

Messrs. BURCKHALTER and DENICKE were appointed as tellers. The polls were open from 8:15 to 9 P. M.

After counting the ballots, the tellers announced that the following persons had received a majority of the votes cast, namely: Messrs. ALVORD, CAMPBELL, HOLDEN, HUSSEY, MCCONNELL, MOLERA, PIERSON, SCHAEBERLE, SOULÉ, VON GELDERN, ZIEL.

The Chairman declared these gentlemen duly elected to serve as Directors for the ensuing year.

REPORT OF THE COMMITTEE ON THE COMET-MEDAL, SUBMITTED MARCH 25, 1893.

This report relates to the Calendar year 1892. The comets of 1892 have been:

Comet *a*; (unexpected comet) discovered by Dr. LEWIS SWIFT of Rochester, New York, on March 6.

Comet *b*; (WINNECKE'S periodic comet) re-discovered by Dr. R. SPITALER of Vienna, on March 18.

Comet *c*; (unexpected comet) discovered by W. F. DENNING Esq. of Bristol, England, on March 18.

Comet *d*; (unexpected comet) discovered by W. R. BROOKS Esq. of Geneva, New York, on August 28.

Comet *e*; (unexpected comet) discovered, by photography, by Prof. E. E. BARNARD of the LICK Observatory, on October 12.

Comet *f*; (unexpected comet) discovered by EDWIN HOLMES Esq. of London, England, on November 6.

Comet *g*; (unexpected comet) discovered by W. R. BROOKS Esq. of Geneva, New York, on November 19.

The Comet-Medal has been duly transmitted to the discoverers of Comets *a*, *c*, *d*, *e*, *f*, *g* in accordance with the regulations.

A copy of the Comet-Medal has been presented to the Royal Society of London, in the name of the Astronomical Society of the Pacific, in accordance with a resolution of the Board of Directors, adopted November 26, 1892.

Respectfully submitted,

EDWARD S. HOLDEN,
CHAS. BURCKHALTER,
WILLIAM J. HUSSEY.

The Treasurer read his Annual Report as follow:

ANNUAL STATEMENT OF THE RECEIPTS AND EXPENDITURES OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC FOR THE FISCAL YEAR ENDING MARCH 25, 1893.

GENERAL FUND.

Receipts.

Cash Balance March 26, 1892		$ 951 20
Received from dues	$2,290 13	
" " sale of publications	55 39	
" " sale of stationery	23 20	
" " advertisements	31 00	
" " Life Membership Fund (interest)	37 50	
	$2,437 22	
Less transfer to Life Membership Fund	400 78	2,036 44
		$2,987 64

Expenditures.

For publications	$1,207 60	
For general expenses	1,186 71	$2,394 31
Cash Balance March 25, 1893		593 33
		$2,987 64

LIFE MEMBERSHIP FUND.

Cash Balance March 26, 1892	$ 699 83	
Received from General Fund	400 78	
" " interest	37 50	
	$1,138 11	
Less interest transferred to General Fund	37 50	
Cash Balance March 25, 1893		$1,100 61

DONOHOE COMET-MEDAL FUND.

Cash Balance March 26, 1892	$ 556 19	
Interest	29 00	
Cash Balance March 25, 1893		$ 585 19

ALEXANDER MONTGOMERY LIBRARY FUND.

Cash Balance March 26, 1892	$1,633 81	
Interest	84 70	
	$1,718 51	
Expended for books	4 50	
Cash Balance March 25, 1893		$1,714 01

FUNDS.

General Fund. Balance on deposit with Grangers Bank		$ 593 33
Life Membership Fund. Balance on deposit with San Francisco Savings Union		1,100 61
Donohoe Comet-Medal Fund. Balance on deposit with San Francisco Savings Union		585 19
Alexander Montgomery Library Fund. Balance on deposit with San Francisco Savings Union	$ 877 82	
Alexander Montgomery Library Fund. Balance on deposit with German Savings and Loan Society	836 19	1,714 01
		$3,993 14

F. R. ZIEL, *Treasurer.*

SAN FRANCISCO, March 25, 1893.

The Committee appointed to audit the Treasurer's accounts reported as follows, and the report was, on motion, accepted and adopted, and the Committee discharged:

To the President and Members of the Astronomical Society of the Pacific:

GENTLEMEN—Your Committee appointed to audit the accounts of the Treasurer for the fiscal year ending March 25, 1893, have made a careful examination and find same to be correct.

(Signed)

J. G. LAVERY,
H. S. HERRICK,
CHAS. G. YALE.

SAN FRANCISCO, March 25, 1893.

During the past year the Society has lost the following members by death: FRAZER ASHHURST, H. D. BACON, A. R. CHURCH, LESTER L. ROBINSON, WILLIAM THAW JR.

The photograph of a meteor trail by Mr. JOHN E. LEWIS, of Ansonia, Conn., was exhibited to the members.

Mr. MOLERA then read his address, at the conclusion of which he presented to the Society twelve beautiful photographs, showing the buildings and instruments of the National Observatory of Tacubaya, Mexico. The Society returned their grateful thanks to him for this gift.

The Chairman then introduced Prof. W. J. HUSSEY of the LELAND STANFORD JR. University, who delivered a lecture on the Planet *Mars*, illustrated by over a hundred slides of the most important drawings made of the markings of the planet from the invention of the telescope to and including the last opposition.

It was, on motion,

Resolved, That the thanks of the Society be tendered to the retiring President, Prof. J. M. SCHAEBERLE, for his valuable services on behalf of the Society during the past year, and that he has the best wishes of the members for his complete success in the observation of the solar eclipse of April, 1893.

The meeting then adjourned.